



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BFP 520 H6327	<b>Issued</b>	10. May 2021
<b>MA#</b>	MA001618476		
<b>Package</b>	PG-SOT343-4-2	<b>Weight*</b>	6.93 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.001	0.01		72	
	noble metal	gold	7440-57-5	0.002	0.03		281	
	inorganic material	silicon	7440-21-3	0.017	0.25	0.29	2473	2826
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		100	
	non noble metal	titanium	7440-32-6	0.003	0.05		498	
	non noble metal	chromium	7440-47-3	0.010	0.15		1493	
	non noble metal	copper	7440-50-8	3.433	49.55	49.76	495659	497750
wire	noble metal	gold	7440-57-5	0.010	0.15	0.15	1458	1458
encapsulation	organic material	carbon black	1333-86-4	0.030	0.44		4380	
	plastics	epoxy resin	-	0.652	9.42		94165	
	inorganic material	silicondioxide	60676-86-0	2.351	33.94	43.80	339433	437978
leadfinish	non noble metal	tin	7440-31-5	0.199	2.88	2.88	28764	28764
plating	noble metal	silver	7440-22-4	0.216	3.12	3.12	31224	31224
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com